## ANNUAL REPORT

OF THE

## ARCHÆOLOGICAL DEPARTMENT

OF

HIS HIGHNESS THE NIZAM'S DOMINIONS.



1325 F. 1915-16 A.D.

CALCUITA BAPTIST MISSION PRESS 1977

R 913.041

GOVERNMENT OF INDIA

ARCHÆOLOGICAL SURVEY OF INDIA

## ARCHÆOLOGICAL LIBRARY

CALL NoR 913.041/I.D.A/H

D,G.A. 79





ANNUAL REPORT OF THE ARCHÆOLOGICAL DEPARTMENT

OF

HIS HIGHNESS THE NIZAM'S DOMINIONS.



D450

## ANNUAL REPORT

OF THE

1783

# ARCHÆOLOGICAL DEPARTMENT

OF

HIS HIGHNESS THE NIZAM'S DOMINIONS.

22688



1325 F. 1915-16 A.D.



P. 913.041 F.D.A./H

CALCUTTA
BAPTIST MISSION PRESS
1917



1 43 24 /I D HH.

47 %

### CONTENTS.

### OFFICIAL NOTES.

											PAGE
			t on the R	-				49	7 1		vii-ix
			intendent		ology to	the Secr	etary to	Governme	ent, Gene	ral	
(A	rchæolo	ogical) D	epartment		6 +	4.0		ii ii		9.1	N.I
					REPO	RT.					
Person	nel		**		1.0			1.0			I
Tours			4.0	V 4	P =		7 1	4 2			I.
Conser	vation										E
Excava	ation			* *					4.7	- 1	6
Epigra	phy	- 4	6-1	414	4 4	4.00	h 4	L	16 B		10
Numis	matics	. ,	L 1	s. (a	44	4.9	4 :-	90			1.1
Museur	m				**		4-1	4.			11
Hydera	abad A	chieolog	ical Societ	y	+ 4		4 =		404	- 1-	11
Publica	ations	1. 4			* 4	1.1	8.9				II
Library	y		F 4				-0			2.	1.2
Photog	graphs			5 6	4.4	1-4					12
Drawin	ngs and	Survey	Maps		6.4	E 4	419		- 4		12
			rvation an	d Survey				4 10			12
			aintenance								12
			916-17 (13			F 9	. 1	40			13
					APPENI	DICES.					
A. St	merinta	endent's	Diere	7 7				4.4	151		17-10
			penditure o				1.0	4.6		**	20
C.	11		n n		vation ar					4.6	20-21
	st of B			T						**	22-24
E.		hotograp		2. 1		**	* *				25-29
F.				or Mone		4.9	15	4 (4)			30
			and Surve			4 4		+ 1			
Mr. Lil	at of O	ord Com	s dealt wit	n during	the year	4 =	10.00	0.0	* *	0.0	30

CENTRAL ARCHAEOLOGICAL
LIBRARY, NEW DELHI.
Aco. No. 22688.
Date. 21 2 56.
Call No. 1913: 541 / J. M.H.



### LIST OF PLATES.

PLATE	TITLE.
I.	(a) Jāmi' Masjid, Fort, Gulbarga; (b) Ilāhdād Khān's mosque, Jalna.
11.	(a) Outer corridor, Gulbarga mosque; (b) Inner corridor, Gulbarga mosque.
111.	(a) Qutb Shahi mosque near Golconda Tombs; (b) Tomb of 'Abdullah Qutb Shah
	(c) Dome near the gate of Golconda Tombs.
IV.	(a) Tomb of Muhammad Quli Qutb Shah; (b) Tomb of Jamshed Quli Qutb Shah
	(c) Dome near the tomb of Sultan Quli Qutb Shah.
V.	(a) Golconda Fort, general view; (b) Qandhar Fort, gateway.
VI.	(a) Great temple, Palampet (Warangal); (b) Thousand-pillared temple, Warangal.
VII.	(a) Detail of pillar, Great temple, Palampet; (b) Detail of pillar, Thousand-pillared temple, Warangal.
VIII.	(a) Interior of Great temple, Uparpalle; (b) Door of shrine, Thousand-pillared temple Warangal.
IX.	(a) Interior of temple at the eastern end of the Ramappa lake band; (b) Doorway of temple at the western end of the Ramappa lake band; (c) Jamb of door, Greatemple, Palampet.
X.	(a) Sikhara, Great temple, Palampet; (b) Sikhara, Ittagi temple.

# Proceedings of the Government of His Highness the Nizam in the Judicial, Police and General Departments—(Archæology).

No. 21 of 1326 F. 1917 A.D.

DATED, HYDERABAD (DECCAN), 7TH AUGUST, 1917.

### SUBJECT.

Review of the Report on the working of the Archæological Department for the year 1325 F. (1915-16 A.D.).

Personnel.—Mr. G. Yazdani held office as Superintendent of Archæology throughout the year, in the course of which the Honorary Assistant for Epigraphy, Mr. T. Strinivas, resigned his appointment. The Superintendent speaks in high terms of Mr. Strinivas' services; and Government realize the fact that his resignation has been a distinct loss to the Department which he served so well in a purely honorary capacity. Mr. Yazdani is to be congratulated on having secured the help of Dr. L. D. Barnett, of the British Museum, who has kindly offered to edit some of the inscriptions which have been discovered in the Dominions.

- 2. Tours.—The diary of the Superintendent, which forms Appendix A of his report, shows that there has been a judicious combination of office and outdoor work; and considering the time which the inspection of monuments must necessarily occupy, Mr. Yazdani's literary output is creditable. The Superintendent toured in the Medak, Nalgunda, Warangal, Bidar and Aurangabad districts, and paid a short visit to Bijapur. The results of his tours have been embodied in his conservation notes.
- 3. Conservation.—Careful attention is being given to conservation work. Government have sanctioned estimates for a further programme of conservation at Ellora. At Ajaṇṭa Mr. Sayed Ahmad, an Indian artist, who assisted Lady Herringham in copying the frescoes, has been appointed as curator. Government have approved the measures proposed for the conservation of the Kālī Masjid and other monuments at Jalna; the Chor Gumbad and other buildings at Gulbarga; and for the Madrasa of Maḥmūd Gāwān, a unique relic from the days of Ferishta, the Rangīn Maḥall, Sola Khamb Mosque, Takht Maḥall and Zenana Palaces at Bidar. Estimates are being prepared for the tombs of the Bahmani kings at Āṣhtūr, and measures for the conservation of the Golconda Fort are under consideration. Further, the Ecclesiastical Department has been addressed about the conservation of the tomb of Mīr 'Ābid Chīn Qalich Khān, grandfather of the first Nizāmu-l-Mulk.
- 4. Excavation.—The megalithic remains at Maula 'Ali form the subject of an interesting note by the Superintendent.

- 5. Epigraphy.—Some more inscriptions have been discovered at Nāgai, in the Gulbarga district, and at Rajkonda in the Nalgunda district. The most important item under this head is the Daulatabad plates of Jagadēkamalla of the later Chalukya dynasty, which supply the earliest date (May A.D. 1017) of the reign of that king. A monograph on this subject, by Messrs. D. R. Bhandarkar and K. N. Dikshit of Bombay, is in the press. Important Kakatya inscriptions from Pakhal, Ramappa and Upparpalli are being deciphered by Dr. L. D. Barnett, and the Golconda Fort inscriptions are being published in the Epigraphia Indo-Moslemica, of which Mr. Yazdani is the editor.
- 6. Numismatics.—In the course of the year 9 gold coins were acquired under the Treasure Trove Act, viz. 8 of the Vijayanagar Rajas, Krishna Deva, Achyuta Rāya and Sadāśiva, dating between A.D. 1509 and 1573, and an anonymous half-pagoda, which may be referred to the second or third century A.D. A horde of copper coins has been acquired also: they have not yet been deciphered.
- 7. Museum.—This institution will come into existence as soon as the services of a suitable curator can be obtained. The chief feature of the museum will be its economic section.
- 8. Hyderabad Archæological Society.—The society had a successful year, in the course of which it published the first and second numbers of its Journal. In September 1916 the Hon'ble Mr. S. M. Fraser, C.S.I., C.I.E., Resident at Hyderabad, was elected President of the Society, vice the Founder and first President, Sir Alexander Pinhey, deceased.
- 9. Expenditure.—The total expenditure of the Department during the year was: maintenance, H.S. Rs. 16,261 (B.G. Rs. 13,938); conservation etc., H.S. Rs. 32,252 (B.G. Rs. 28,502). Details are given in Appendices B and C of the Report. In the previous year, i.e. from April 1914 to October 1915 (Khwurdād 1323 to Ābān 1324 F.) H.S. Rs. 26,276 (B.G. Rs. 22,522) were spent on maintenance and H.S. Rs. 21,192 (B.G. Rs. 18,165) on conservation.
- Photographs.—Photographs to the number of 134 were taken during the year, covering a fairly wide range of subjects. A novel feature of Mr. Vazdani's report of last year was the illustration of some type specimens of the architecture of the Deccan. In the report under review he has continued this useful practice by reproducing specimens of early Deccan mosques, Qutb Shāhi mosques and tombs, and Deccan Forts and temples; the illustrations being of monuments at Gulbarga, Jālna, Golconda, Ittagi, Upparpalli, Palampet and Warangal.
- II. Publications.—The publications of the Department, including maps, etc., during the year were:—
  - (a) Annual Report for 1914-15.
  - (b) Asokan Edict of Maski.
  - (c) Two articles by Mr. Yazdani on the Monuments of the Deccan, in the Journal of the Hyderabad Archæological Society.
  - (d) A paper on Bidar by Mr. Vazdani for the Annual Report (1914-15) of the Director-General of Archæology in India.

- e) Two papers by Mr. Yazdani on Islamic records, in the Epigraphia Indo-Moslemica.
- (f) Golconda Survey Map.
- (g) Survey Map of N. group of cairns at Maulā 'Alī.
- (h) Plan and section of cairn I, Maula 'Ali group.
- (i) ,, ,, cairn I, Raigir group.
- (i) Plan of Great temple at Palampet.
- (k) Plan and section of Anwa temple.
- (1) ,, ,, Bibi-ka Maqbara at Aurangabad.
- 12. Conclusion.—The report under review indicates the enthusiasm with which Mr. Yazdani has continued to devote himself to his work, and His Highness' Government are pleased to record their appreciation of his valuable services.

(By order)

### A. HYDARI,

Secretary to Government, Judicial, Police and General Departments.

### Copy forwarded to-

- I. The Assistant Minister Peshi to His Highness the Nizam.
- 2. The Assistant Minister, Political Department.
- 3. The Secretary to Government, Financial Department.
- 4. The Secretary to Government, Revenue Department.
- 5. The Secretary to Government, Public Works Department.
- 6. The Director of Public Instruction.
- 7. The Superintendent of Archæology.
- 8. The Superintendent, Government Press, for publication in the Jarida.



No. 78.

FROM

G. YAZDANI, Esq., M.A.,

Superintendent of Archæology, His Highness the Nizam's Dominions.

To

THE SECRETARY TO GOVERNMENT,

Judicial, Police and General Departments.

Dated Hyderabad (Dn.), the 22nd March, 1917.

SIR,

I have the honour to submit herewith two copies of the Report on the working of the Archæological Department for the year 1915-16 A.D. (1325 Fasli).

A set of the photographs taken during the year under report has already been submitted to Government.

I have the honour to be,
Sir,
Your most obedient servant,
G. YAZDANI,
Superintendent.



# Annual Report of the Archæological Department, Hyderabad State

for

1915-16 A.D. (1325 F.).

In the year under report there has been no change in the personnel of the Personnel. Department, except the resignation of Mr. T. Strinivas from the Honorary post of Assistant Superintendent of Archæology for Epigraphy. Mr. Strinivas' tenure of service in the Dominions was marked by an enthusiastic devotion to his self-imposed duties and a passionate love for his subject. During a short time he was able to bring to light a number of antiquities and epigraphs at Garla, Kulpak, Nagai and Qandhar, and the severance of his connection with the Department is a distinct loss to it. But, fortunately, Dr. L. D. Barnett of the British Museum, whose deep interest in the epigraphy of the Dominions is well known, has generously promised to lend his valuable assistance in the decipherment of important mural records, and through the good offices of Sir John Marshall, whose help the Department cannot fully acknowledge, the scholarship of Indian Sanskritists-Messrs. Krishna Sastri and D. R. Bhandarkar-has more than once been placed at the disposal of His Highness' Government.

My tours extended to Medak, Nalgonda, Warangal, Bidar, Aurangabad and Tours. Raichūr districts, and by the special permission of Government I spent a few days at Bijapūr also. My visit to the last-mentioned place was of the utmost use to me in studying the Bidar monuments, and in placing them in their correct perspective in relation to other South Indian Muslim monuments. The details of my tours are given in my diary published herewith (vide Appendix A).

The fine monuments of Bidar have been carefully examined, and a detailed conservation. programme of repairs to them has been approved by Government. The most important monument there is the Madrasa of Mahmud Gawan, comprising the mosque, the library hall, the lecture rooms, the professors' lodgings and the students' cubicles. The front of the building is decorated with tiles of various colours, and is flanked with two lofty minarets, which rise to a height of 100 feet. The form of the minarets, like that of Chand Minar of Daulatabad, shows distinct Persian influence, especially as regards the apex and the balconies. The Madrasa was in a flourishing condition in the time of Firishta, staffed as it was by professors and divines from the most distant countries of Asia, and equipped

with a library of 3,000 manuscripts. In 1696 A.D., the building suffered great damage from lightning which deprived it of half of its front and half of the southern wing. Through the neglect of several centuries this superb monument has fallen into a shameful state of dilapidation; but adequate measures are now being taken to make the existing portions of the building structurally sound, and to improve their appearance by the removal of debris and rubble walls from the interior, the excavation of the high plinth, and the levelling and turfing of the surrounding lands.

In the Bidar Fort the Rangin Mahall is a picturesque monument of the Barid Shāhī kings. It consists of several vaulted apartments decorated with enamels and mother-o'-pearl work. The Royal Room (Shāh Nishīn) had a hall in front of it, supported on exquisitely carved wooden pillars which were also beautifully painted and gilded. The paintings and gilt have unfortunately all disappeared, and the carvings as well have been concealed under a thick coat of white-wash which had been applied strenuously for over a quarter of a century. In removing the plaster from the carvings it was feared that the use of strong chemicals might prove deleterious to the wood, and consequently the matter was referred to the Director General of Archæology and to several expert chemists for opinion. They have suggested that a weak solution of acetic acid may be found useful in removing the plaster from the pillars without causing any injury to the fine carving beneath; but when the plaster has been removed the action of the acid should be stopped by washing the whole of the surface with a weak solution of soda carbonate in water.

Another important building in the Fort, the conservation of which has been recommended to Government on an extensive scale, is the Solā Khamb Mosque. The architecture of the monument is grand yet solemn, quite in keeping with the Islamic idea of a place of worship. The building has several historical associations, not the least interesting among them being the recital of the Khutbāh in the name of Shājahān in 1656, on the conquest of Bidar Fort by Aurangzeb. The mosque has suffered considerable structural detriment in the past, and some of the fissures in the roof and the wall appear threatening.

A note upon requisite measures of conservation, which consist of resetting loose masonry, exposing the plinths and the removal of rank vegetation, has also been approved by Government in respect of the Zenana palaces and the Takht Mahall. The latter building was the Throne Hall of the great Bahmani kings and recalls the memory of many a scene of mirth and joy. To extol the magnificence of the Hall the poet Ädhari composed the following quatrain:—

" How grand is this strongly built palace,

Through the excessive loftiness of which, the sky is but as a step at its threshold.

'Tis an impropriety to compare it with Heaven;

Verily, it is the palace of the Lord of the Universe, Ahmad Bahman Shāh."

At a distance of two miles from Bidar, in the village called Ashtur, lie the tombs of the Bahmani kings, which are twelve in number. They have a uniform

style—standing on square bases surmounted by bulbous domes, some of which are of gigantic dimensions. The chief interest of the tombs, however, lies in their rich decoration of enamels and paintings. Several of these tombs have fallen badly out of repair, and immediately after my inspection in December, 1915 (Baihman, 25 F.) I submitted a report on their conservation, which has since been approved by Government, and the estimates are under preparation in the Public Works Department.

Among the buildings of Bidar the tomb of 'Alī Barīd possesses a unique interest for students of Indian architecture on account of its perfect proportions. Another feature of this monument is the large side openings which admit to the interior of the building a large volume of light and air, thus differing from other Muslim tombs, where the interiors are generally kept dark and enclosed, in order to give them a sombre aspect. This monument is in good preservation, but to show it to full advantage it has been proposed to improve its surroundings by laying down turf and flower-beds. Similar measures have also been proposed in respect of the tombs of Khān Jahān Barīd, Amīr Barīd and 'Alī Barīd II.

Passing on to the Gulbarga district, I noticed in my last year's Report the discovery of the remains of a Hindu temple found buried under the ramparts of the Fort. The remains were exposed under my instructions, but the result has proved contrary to my expectation, and what were considered the mandaps of an old temple turned out to be guard-rooms on either side of an old gateway of the Fort, which was probably blocked for purposes of defence. These guard-rooms are similar in design to those attached to the Eastern Gate of the Fort, and have been built of masonry originally belonging to old Hindu temples.

Inside the Fort, besides the Great Mosque, the only remains of any architectural interest are the two rows of rooms on either side of the road leading from the Western Gate. The roofs of these rooms are outwardly pyramidal, quite characteristic of the architecture of the period. They are now occupied by Arabs who are living there with their zenanas and have made the locality extremely filthy. The evacuation of the rooms has been approved by Government, and when that is effected, it is intended to repair thoroughly the rooms and the road between them, so as to make an attractive passage to the interior of the Fort.

A note has also been submitted to Government on the conservation of the interesting monument called the Chor Gumbad. Local tradition attributes this name to the quondam occupation of the monument by robbers; but the building has a set of rooms arranged in a labyrinth 'Bhūl bhulayyān' so common in Indian Muslim architecture. The name Chor Gumbad, I am inclined to think, refers rather to this arrangement than to its association with thieves. The monument is of considerable dimensions; the interior, which consists of a hall only in the ground flat, measures  $74 \times 66$  ft., and the dome rises to a height of about 100 ft. from the ground. There are turrets at the four corners of the building, surmounted by small kiosks. The Chor Gumbad is a picturesque feature in the landscape of Gulbarga, its large dome being visible from a distance of several

miles. The building is structurally sound, but to give it an air of neatness such measures as the relaying of the floor, the repairs of the *jali* screens, the renewal of the decayed plaster and the fencing and tidying of the compound were recommended to Government, and have subsequently been approved.

In the Gulbarga district, a place of great interest to the antiquary, is the old town of Nāgai, an important provincial seat in the time of the later Chalukya dynasty. The place has been visited by several scholars, Hultzsch, Sastri, etc.; but no one has thoroughly explored the site, which holds a vast treasure of antiquities. Mr. R. Narasimhachar in his last Annual Report (1914-15) has noticed the contents of a Chalukyan inscription from Nāgai, an estampage of which was sent to him by Mr. T. Strinivas, my Honorary Assistant, through his father-inlaw, Mr. Rajagopal Pillai. During my visit to the place I was able to find five new large records, and subsequently corresponded with various scholars regarding their decipherment. The late Dr. Fleet, who was also consulted in the matter, evinced very great interest in the epigraphs, but in view of his failing health as also of other calls on his leisure he was unable to undertake the editing of the inscriptions and advised me to entrust the work to a scholar who had more time at his disposal. It is in such matters that the Department badly feels the need of an Assistant for Epigraphy, because the decipherment of the inscriptions of the Dominions will go a long way towards filling up the lacunæ which at present exist in the history of Southern India.

Another ruined town similar to Nāgaī is Rajkonda in the Nalgonda district, situated about thirty-five miles south-east of Hyderabad. Mr. T. Strinivas has written a detailed article on the antiquities of the place, which is published in the Journal of the Hyderabad Archaeological Society (July, 1916). Rajkonda has seven unpublished inscriptions in Telugu, and the mist of uncertainty which hangs over the history of the town may be, in part, removed when these records are fully deciphered. There is also a Muslim inscription there dated 889 A.H. (1484 A.D.), during the reign of Mahmūd Shāh Bahmanī. I have appended a translation of the inscription to Mr. Strinivas' article. It is in Arabic and records the erection of a mosque by one Malik An-Ni'mat, son of Mubarak. The mosque into which the inscription is built seems to have been originally a Hindu temple, and Malik An-Ni'mat was obviously the Bahmanī governor who converted the temple into a mosque.

In Hyderabad and its suburbs the outstanding feature of the year's work is the survey of the historical monuments of the Golconda Fort. A map showing all the archæological buildings has been published to enable the antiquary to study the various monuments and sites with convenience. The recommendation of conservation measures had been deferred till the preparation of the map; but now that it is ready, a systematic campaign is in contemplation for the thorough repair of these important monuments.

At a distance of four miles to the south of Golconda lies the historic tomb of Mir 'Ābid Chīn Qalich Khān, the grandfather of the first Nizāmu-l-Mulk. It stands within an enclosure where some other members of the Āṣafya family have been buried. In the second siege of Golconda Fort by the Imperial troops one

of Mir 'Abid's hands was blown off by a cannon ball, and he succumbed to the injury within three days. A note has been communicated to the Ecclesiastical Department on the conservation of the monument.

In the vicinity of the tomb of Qalich Khān the remains of earth-works thrown up by the army of Aurangzeb to bombard the Golconda Fort from the south, from which side they ultimately succeeded in capturing the Fort, may still be seen.

At Ellora, extensive operations have been carried out which have added greatly to the general appearance of the monuments there. Sir John Marshall visited the caves in January, 1916 (Isfandar 1325 F.) and was fully satisfied with the repairs already executed, but, in order to exhibit these fine monuments to full advantage, as also to make their structural condition absolutely sound, he proposed a further programme of conservation, which has subsequently been approved by Government, and estimates are now being prepared by the Public Works Department based on it. The principal items of conservation recommended by Sir John Marshall consist of (1) an improved drainage in caves IV-VII, X, XIV, XVI, XIX A, XXX and XXXI, (2) the replacement of ill-constructed pillars and props, which were inserted a few years ago and detracted from the appearance of the monuments, by new piers of well-chiselled masonry, aligned as far as possible with the old columns, in caves V-VII, XIV-XV and XXXIV, (3) the repair to the top floor of the gallery on the south side of the Kailasa, (4) the repair to the upper storey of the gateway of the same cave, which is in a perilous state, and (5) the retention of the great mass of rock which is slipping from its bed on the west side of the court in the Indra Sabha.

At Ajanta the new feature of the year's work is the appointment of a Curator, whose duty on the one hand is to stop the possibility of acts of vandalism, such as removing the frescoes or disfiguring the paintings, on the other to offer facilities to students of Indian art to study the frescoes. Mr. Sayyid Ahmad, who has been appointed to the post of the Curator, is an artist of great promise. He was one of the party of Indian painters who helped Lady Herringham in copying the Ajanta frescoes. Mr. Sayyid Ahmad's work in Lady Herringham's book is of considerable merit, and shows a trained eye and a well-practised hand.

At Jaluā (or Jalnāpūr), a town of considerable importance in the Muslim period of the history of the Deccan, there are some interesting mosques of the mixed Hindu and Muslim style. One of these, the Mosque of Ilāhdād Khān (Pl. I), contains pillars carved in the Hindu style. The mosque, according to the inscription built into it, was constructed by Muḥammad b. Malik-Ghiyāthu-d-din of Kirman, a governor of the Qutb Shāhī kingdom, 985 A.H. (1577 A.D).

The fort at Jalna is a modern structure built by Qabil Khan in 1147 A.H.

The inscription is as follows :-

(1734 A.D.) during the reign of Muḥammad Shah.¹ It is constructed of small bricks and is now in a ruinous condition. At Jalnā another interesting monument, the conservation of which has been approved by Government, is the Kālī Masjid, so called on account of the free use of black basalt in its masonry. According to the inscription carved over the doorway of the mosque it was built by Jamshed Khān in 985 A.H. (1577 A.D.).¹

In July, 1916 (Shahriwar, 25 Fasli) I visited the remains at Patancheru, eighteen miles North-West of Hyderabad. The place seems to have been once an important centre of Jaina worship, because some colossal statues (10 to 14 feet in length) of Mahavira and other Tirthankaras are lying about in different parts of the town, and new images are said to be discovered by the inhabitants of the place while digging the earth for laying foundations. At the North-Western extremity of the town there is a mound over which houses have been built. At the back of the houses some beautiful Hindu images are lying. It appears from the architectural remains in the Northern part of the Decean-Ellora, Bodhan (Nizamābād), Warangal, etc.—that the attitude of the ruling princes in these parts was favourable to the Jaina religion from the 7th to the 10th century, A.D., and the faith was in a flourishing condition. But later on a different spirit seems to have prevailed, and the worshippers of Siva and Vishnu either ruthlessly destroyed the Jaina temples or converted them into shrines of their own faith. The temples of Patancheru evidently met a similar fate at the hands of the devout Brahman, and no vestige of them now remains except the large statues which are found buried in mounds or under the Brahmanical constructions.

Excavation.

In February (Farwardin) excavations were conducted by me at the instance of Sir John Marshall near Maulā 'Alī. The object of the operations was to examine a group of the megalithic remains, a subject in which several members of the Hyderabad Archæological Society are interested, especially Mr. L. Munn and Dr. E. H. Hunt, who are very enthusiastic in their investigations. Remains of this type exist in Gulbarga, Raichūr, Nalgonda, Warangal, Karimnagar and Nizamābād districts of the Dominions, and reports about them were communicated to Colonel Meadows Taylor in the early fifties, which were subsequently incorporated in his valuable contributions to the Journals of the Bombay Branch

```
1 The inscription over the outer gate of the Fort :-
```

The inscription over the inner gate of the Port ;--

<sup>&</sup>lt;sup>2</sup> The date given in figures at the end of the inscriptions does not tally with that contained in the chronogram. The inscription reads as follows:—

of the Royal Asiatic Society and the Royal Irish Academy. The remains, as regards their form and contents, are identical with those in Southern India, on which a vast literature exists from the pens of Captain Mackenzie, Rev. Maurice Phillips, Messrs. J. Walhouse and Congreve, and Captain Robert Cole in the earlier days, and Messrs. Bruce Foote, Breeks, Rea and Longhurst in later times. These scholars have classified the remains as follows:—

- (1) Cairns. Tumuli of various heights and dimensions, made of earth and loose stones, containing a stone or clay coffin, or urn laid at various depths, and having a single or double ring of stones on the surface.
- (2) Cromlechs. Stone circles containing a stone coffin partly or fully visible.
- (3) Dolmens. Stone coffins built on the surface of the earth with one side having a hole or being completely open.
- (4) Avenues. Squares arranged in vertical or diagonal lines, bearing wide stone slabs in their middle.

The remains at Maulā 'Ali fall under the first and the second classes, the Northern group of which may be styled 'cairns', and the Western 'cromlechs.' Some of these remains were opened by Dr. Bell for Colonel Meadows Taylor; but no report of the excavations is available now, except a brief note in the latter's paper published in the J.B.R.A.S.

Our operations were confined to the northern group only, which stands on barren, rocky country and occupies an area of thirty to forty acres. The cairns are of various sizes, eight to thirty-three feet in diameter, and where the stone circles and the tumuli have not been disturbed, they rise two to four feet above the surface of the earth. The stones of the circle are roughly hewn, and, in most cases, they are twenty-four in number; where the ring is too small to take in twenty-four stones, the remainder are placed inside the circle. The loose stone and earth packing was found to a depth of from four to six feet, when the top slab of the cist, which stood in the middle of the cairn, was reached. Pottery and other articles were generally not found above this level, but in one instance a number of earthen surahis (water flagons), small pots, cups, saucers, and an iron ring, obviously belonging to a hatchet, were discovered under the loose stone and earth packing immediately over the cist. The surahis are black polished pottery and are well shaped, differing slightly in form from the modern surahis of the Deccan.

Each cist consisted of six slabs, four forming the four walls, and the other two the lid and the base. The side slabs protruded on either side of the head and foot slabs which were fitted in between them. The side slabs varied from six to ten feet in length, and were five to seven and a half feet in height. The cists from inside measured six and a half to three and a half feet in length, four to two feet in breadth, and six and a quarter to four feet in depth. The cists

<sup>&</sup>lt;sup>1</sup> Similar coffins have been noticed by George Rawlinson in the old tombs of Chaldea (vide The Five Great Monarchies, Vol. I, pp. 108—111). Also see the Dolmens and Burial Mounds in Japan, by W. Gowland, wherein some terra-cotta sarcophagii are illustrated which are analogous to the clay coffins of the Decean.

<sup>2</sup> In the Madras Presidency corpses have sometimes been found over the cist containing another corpse within it. Such cases indicate a second burial. But no corpse was discovered over the cist at Maula 'Ali.

were oriented North with slight inclinations to East and West, probably due to the surmise of the buriers of the dead in determining the true North.

Around the cist, on a level with the floor (eight to thirteen feet below the natural ground level), pottery of various sizes and forms was found. There were pots, small and large, with ring stands, cups, saucers, dishes and censers, which were identical in form and manufacture with those dug out in Southern India.1 The largest pots were about five and a half feet in diameter, and two and threequarters feet in height, and the smallest were only a few inches in circumference. The mouth of the pot had both plain and ornamental designs, and they were red as well as black in colour. The surface of the smaller vessels had a sort of glaze, but experts have decided that it was merely polished by rubbing it . with the juice of Tuthi or Abutilon Indicum, a mucilaginous juice, somewhat like gum, that is used in India at the present day to give a gloss to black earthenware. The surface can be scratched with a knife though it resists moisture. After rubbing the surface with the juice the vessel was again fired and a species of smear was thus produced which resisted acids and water. examining the edges of broken vessels no thickness of glaze either outside or inside was observed.3 The pottery bears considerable resemblance to the pottery found in similar tombs in Egypt, Chaldaea and Assyria, although the clay there is much finer, and in India the use of handles is altogether avoided. The analogy, however, as regards a vessel, shaped like a large champagne glass, which I have called 'censer', is complete.' The offering of incense to the dead was one of the ceremonial rites of the Egyptians, and some archæologists, on the strength of some paintings in Egyptian tombs, where persons are represented with long pipes blowing incense into the sarcophagii through an aperture, are led to believe that a similar ceremonial existed in India, and that the holes in dolmens were for the purpose of offering incense at different periods.\* The pottery was found arranged in rather a curious way-sometimes in clusters, sometimes in rows of single pots. Small pots, saucers and cups were dug out from the interior of the cist, which probably contained food for the dead for his journey in the next world. Through percolation of rain-water during many a century fine earth had been washed into the cist, and the original contents being mixed up with the earth had so disintegrated, that it was difficult to analyse their composition.

The weapons which were discovered consisted of iron knives, daggers, hatchets and axes. The daggers and knives were found within easy reach of the right hand of the corpse. Hatchets were discovered outside the cist, either to the left side or near the head slab. The weapons are similar in form and manufacture to those dug out in the tumuli in other parts of India. In one cairn a small

See Catalogue of Prehistoric Antiquities, Adichanallur and Perumbair, Pls. VI—X: Indian Antiquary, Vol. II, plates facing pages 226 and 227; and Prehistoric Art, by E. A. Parkyn, p. 217, fig. 243.

<sup>&</sup>lt;sup>4</sup> Vide Indian Antiquary, Vol. II, p. 224, and Catalogue of Prehistoric Antiquities of Adichanallur and Perumbair, Preface, p. iv.

See The Five Great Monarchies, Vol. I, p. 115, and Catalogue of Antiquities of Adichanaltur, Pl. VIII, figs.

<sup>\*</sup> Vide Indian Antiquary, Vol. III. p. 278.

Vide Gatalogue of Prehistoric Antiquities of Adickanollur, Pis. III-IV; Indian Antiquary, Vol. II, p. 277; and J.H.A.S. 1916, Part II, pl. XLVII.

circular iron lamp supported on three bars was found to the left (west) of the cist. In another a metal cup (79% copper, 21% tin) was discovered at the northern extremity of the cairn. Another find of great interest was the fragments of a copper (probably bronze) bell which were dug up inside the cist of the cairn containing the three-legged iron-lamp. The bell was an object of superstitious regard among the Celto-Scythian people, who buried it in their graves. In earlier days Captain Doria also dug out two bells, one at Maulā 'Alī and the other at Narkailpalli, and sent them to Colonel Meadows Taylor.

The individual tumuli in this large group, which must have remained a burial ground for several centuries, obviously belong to different periods. In our excavations the largest cairns proved to be the oldest, and the skeletons in them had either completely decayed or were in such stages of decay, as to make a study of the skull or the bones impossible. However, by the outlines of the decayed bone it could be determined that the dead were interred in the 'protracted' position, and that the length of the body was 5' 4" to 5' 6". In one of the smaller cairns the remains of the skeleton were found in a somewhat better state of preservation, but still very friable. With the help of an expert it may be possible to take useful measurements of the skull.

In June (Amurdād) a trip to Raigīr, where Mr. I. Munn had previously made excavations, was arranged by Dr. E. H. Hunt and some other members of the Hyderabad Archæological Society, and I accompanied them. The tumuli at Raigīr were of the same type as those at Maulā 'Alī, North group, and the finds apparently presented no extraordinary features. The pots dug out from the cairn were taken to Hyderabad by me, and while cleaning them I noticed peculiar marks on them. I brought them to the notice of Mr. A. Hydari, and, later on, also to that of the Hyderabad Archæological Society, in a meeting held on the 29th June, 1916 (24th Amurdād, 1325 F.).

In the beginning there was some suspicion as to the origin of the marks; but when I pointed out similar marks on the pottery which was brought to the meeting by Dr. Hunt, and had been previously cleaned by him, my discovery gained confidence. The matter was subsequently referred to Sir John Marshall and several other scholars in the country and abroad. After a careful examination of the marks Sir John Marshall thought that the discovery might lead to interesting results, and advised me to inspect the collection of prehistoric antiquities in the Madras Museum, with a view to ascertain whether marks of this type existed on the pottery there, and if so, to make a systematic collection of them. I propose to pay a visit to the Madras Museum in early November, and have asked for the sanction of Government for the purpose.

The marks seem to have been scratched with a sharp-pointed instrument probably in imitation of a primitive custom which prevailed in ancient countries, to wit in Assyria, where the characters were impressed on unbaked terra-cotta cylinders and tables with a small cuneiform stylus. The marks occur in groups of three, and their arrangement on the circular surface of the pottery—each mark occurring at a distance of 120 degrees from the other—is somewhat peculiar. But they bear a striking resemblance to some of the Pali letters and also to the

old Cretan, Mycenian, Etruscan and Lybian characters. There is considerable evidence from independent sources of the intimate connection of the inhabitants of Ancient India with the people of Assyria, Chaldaea, Babylonia, Egypt and the Mediterranean countries, and it is not unlikely that when these marks are carefully studied and arranged they will add their quota of proof in that connection.

The marks as hitherto noticed may be copied thus \*:-

1	2	3	4	5	6
λ	$\wedge$	1	X	$\wedge$	$\overline{\wedge}$
7	8	9	10	11	12
1	((	))	1		1

Epigraphy.

Of the inscriptions discovered during the year the most important records are the Daulatābād plates, of Jagadēkamalla, the existence of which was reported to the Department by Mr. D. B. Kamat, Assistant Inspector of Schools, in the Aurangabād District. I immediately borrowed the plates from the owner, a baniya, through the good offices of Nawab Barzoo Jang, Subedar, Aurangabād, and arranged with Mr. D. R. Bhandarkar regarding their decipherment. The plates will be published as No. 2 of the Hyderabad Archæological Series. Their chief interest lies in the fact that they give the earliest date (May, 1017 A.D.) of the reign of king Jagadēkamalla of the later Chalukya dynasty.

The important Kakatya inscriptions of Pakhal, Ramappa and Uparpalli which were briefly noticed some time ago by Dr. Hultzsch, have been carefully copied by me, and a set of their estampages forwarded for decipherment to Dr. L. D. Barnett, who has evinced great interest in the epigraphy of His Highness' Dominions. It may be interesting to note that the Hyderabad Archæological Society in appreciation of Dr. Barnett's scholarly writings on Deccan epigraphy have elected him an Honorary Member of the Society.

In the domain of research in Muslim epigraphy a noteworthy feature is the publication of the nine Golconda Fort inscriptions in the ensuing number of the Epigraphia Indo-Moslemica. Only two of these inscriptions have hitherto been noticed, and the rest are now being deciphered for the first time. Among the new inscriptions one is of great importance, because it describes the first siege of Golconda by Prince Muhammad (son of Aurangzeb) in 1656 A.D., and states that the gallant defence of the Fort under General Musă Khān and the death of Mir-i-Mīrān of the Imperial army by a shot from the Deccan guns, was the principal cause of the conclusion of the peace. Some of the inscriptions are interest-

I Several of these marks may be the same, the variations due to the carelessness of the engraver.

<sup>\*</sup> Since writing the Report many new marks have been noticed and a detailed paper on them has been contributed to the Journal of the Hyderabad Archaeological Society, 1917, pp. 55-79.

ing from a palæographical point of view, their models being designed by Persian calligraphists.

A discovery of some historical interest was that of nine gold coins and a Numismatics. horde of copper dabs, which was reported to me by the Taluqdar of Parbhani. A request has been made to Government to acquire the coins for the Department. The legends, etc., of the gold coins have been described in Appendix G; the dabs have not been carefully examined yet.

Owing to the war the Hyderabad Museum is not yet a fait accompli, although Museum. the preliminaries regarding this much-needed institution were settled in the early part of last year. The chief difficulty is to secure, on a moderate pay, the services of a suitable person for the post of the Curator, because much of the success of the institution will depend upon the knowledge, experience and energy of its first Curator. The chief feature of the Museum will be its economic side, and the Curator, therefore, besides possessing some artistic taste generally, must have a first-hand knowledge of the crafts and industries of the country. Government have sought the advice of several experts in the matter, and it is hoped that a qualified person will soon be appointed to the post.

The Hyderabad Archæological Society had a most successful year; nine Hyderabad meetings being held and several valuable papers read. The transactions of the society. Society have been published in the form of a Journal, two numbers of which were issued during the year. It is a great pleasure to record the fact that the earnest and unpretentious work of this institution has been highly commended by savants in India and abroad. In September, 1916 (Aban 1325 F.), the Hon'ble Mr. S. M. Fraser, C.S.I., C.I.E., whose interest in the preservation of monuments in other parts of India is well known, was elected to the office of the President of the Society, which had fallen vacant owing to the lamentable death of Sir Alexander Pinhey.

The publications issued during the year under report were as follows :-

(I) Annual Report, 1914-15 A.D. (1323-24 Fasli).

(2) The Asokan Edict of Maski, Monograph No. 1, Hyderabad Archæological Series.

(3) The Golconda Survey Map (in two sheets).

Besides this, the Superintendent contributed two articles to the Journal of the Hyderabad Archæological Society, one detailed paper on the monuments of Bidar to the Annual Report of the Director General of Archæology, Part II, 1914-15, and two essays on Islamic records to the ensuing number of the Epigraphia Indo-Moslemica.

Seventy-two new volumes have been added to the library of the Department, Library. of which twenty have been purchased and the rest are donations from different governments, learned societies, and private bodies. On the constitution of the Department the Assistant Financial Minister was pleased to transfer a large number of the earlier volumes of the Journal Asiatique and the Journal of the Asiatic Society of Bengal, belonging to the old Gazetteer Library, to the Department. But as these volumes are not continuous and as the issues for the last ten or twelve years are altogether wanting, the Department, in view of the importance

Publications.

of these publications, is anxious to complete their sets. To achieve this object the annual grant of B.G. Rs. 500 for books is not adequate, especially when we consider the high prices of books on Indian archæology. During the year under report more than B.G. Rs. 400 were spent on the purchase of only five books, (1) Lady Herringham's Ajanta Frescoes, (2-3) Fergusson's Cave Temples of India and Architecture of Hindostan, (4) Coomaraswami's Rajput Paintings, and (5) Monographs on Archæology and Epigraphy, published by the Bombay Government. It is therefore requested that a separate grant of B.G. Rs. 1,000 be sanctioned by Government to complete the sets of the above-mentioned Journals.

Photographs.

One hundred and twenty-one photographs have been taken and a complete set of them has been, as usual, submitted to Government. Several of these photographs, typical of the style of the Architecture and Sculpture of Dekhan, have been reproduced in this *Report*, because last year's endeavour to popularise the study of Indian Archæology by illustrative plates with suitable chronological hints, has proved to be useful. A list of the negatives is given in Appendix E.

Drawings and Survey Maps. During the year seven large architectural drawings and two survey maps have been prepared. The latter relate to the historical buildings of Golconda Fort and the North Group of Maulā 'Alī cairns respectively, and have been worked out by the Municipal Survey Party under my instructions. Of the architectural drawings the plans and sections of the Anwā Temple and the Bībī-ka-Maqbarā have been prepared by Mr. Nizamu-d-din, Assistant Engineer, Aurangabad. A complete list of the drawings and survey maps is given in Appendix F.

Expenditure on Conservation and Survey. The expenditure on the conservation and survey of monuments amounted to O.S. Rs. 33,252-8-6 (B.G. Rs. 28,502-2-9). The total amount of Government grant O.S. Rs. 50,000 could not be fully utilised, as estimates for many a work were prepared late in the year and further delay was caused in obtaining the necessary sanction from the Financial Department. A detailed statement of the the expenditure is given in Appendix C.

Expenditure on the Maintenance of the Department, During the year under report a sum of O.S. Rs. 16,26f-4-9 (B.G. Rs. 13,938-4-0) has been spent on the maintenance of the Department. The detail of the expenditure is given in Appendix B.

Tour Programme for 1916-17 (1325 Fasli). In the early part of November, I propose to visit the Madras Museum with a view to study the prehistoric antiquities there, as also to ascertain whether the pottery in that collection bears' marks' similar to those noticed on the earthen pots discovered at Raigīr, and, if so, to make a systematic collection of them. The latter part of November and the first half of December will be spent in surveying the old monuments at Pakhal, Palampet, Borlapalli and Uparpalli, which have hitherto not been fully noticed by archæologists. These places were important political and religious centres in the palmy days of the Kakatya dynasty of Warangal, and they possess monuments and records of very great interest to the architect and the historian. In January I intend to visit Biloli (Nanded), Jalnā, Ellora, Pāithan, and other places of archæological interest in the Aurangābād district. February will be devoted to the opening of cairns in various parts of the Dominions, and March, as usual, to the writing of the Annual Report. In the hot

weather or rainy season it is intended, if practicable, to explore some Taluqas of the Raichūr and Bidar districts, which abound in remains of great antiquity.

I should be lacking in my duty if I were to conclude this report without acknowledging the assistance which I have received freely from all the officials of the State, whenever I have had occasion to approach them in connection with my work. In particular I am indebted to Mr. M. A. N. Hydari, Secretary, General (Archæological) Department, whose interest in the work of my Department has been manifested in many ways, and whose sound scholarship and balanced judgment have helped me in the solution of many critical problems. To Mr. R. I. R. Glancy, I.C.S., the Financial Minister, I am under obligations for his sympathetic help in financial matters, without which it would not have been possible to develop my plans. And last, but by no means least, I desire to express my thanks to Nawab Sir Faridoon-ud-Daulah Bahadur, K.C.I.E., the Political Minister, for his assistance and encouragement, always generously given in spite of the many calls on his time, which have been a stimulus to the Department in the early stages of its existence.

Hyderabad, Deccan: }

G. YAZDANI,

Superintendent of Archæology,

H. H. the Nizam's Dominions.



APPENDICES.



APPENDIX A.

SUPERINTENDENT'S DIARY.

(7th October, 1915 to 5th October, 1916—1st Ādhur to 30th Ābān, 1325 Fasli.)

				Place.		
tober dhur)	1.0	7th (1st)	* *	Duty at headquarters.		
0	- 4	8th (2nd)	- 1	Hyderabad to Qāzipet (Warangal).		
79	- 1	9th-10th (3rd-4th)		Halt at Warangal.		
27		11th (5th)		Qăzipet to Hyderabad.		
1,		12th-29th (6th-23rd)	F 4	Duty at headquarters.		
1,	**	30th-31st (24th-25th)	- 4	Hyderabad to Jāinā.		
vember dhur & Dai)	**	1st-2nd (26th-27th)		Jālnā to Hyderabad.		
H 31	*	3rd-13th (28th-8th)		Duty at headquarters.		
4" 24		14th (9th)	ь а	Hyderabad to Khidmatpura and back.		
**	v.	15th-16th (10th-11th)		Hyderabad to Jalgãon.		
15 3.5	5.4	17th-18th (12th-13th)		Jalgāon to Ajaṇṭa.		
11 11.		19th (14th)		Ajanța to Jalgãon.		
н о	4.1	20th-21st (15th-16th)		Jalgãon to Hyderabad.		
9 9	47.4	22nd-24th (17th-10th)		Duty at headquarters.		
11	1,7	25th-26th (20th-21st)	10	Hyderabad to Kuppal.		
RE P		27th (22nd)		Halt at Kuppal.		
u n		28th (23rd)		Kuppal to Banikoppa and back		

18 APPENDIX A—contd.

Mon	th.		Date.		Place.
December (Dai & Baika	uan)		rst-2nd (26th-27th)	9 6	Hospet to Bijapur.
94 99		**	3rd-4th (28th-29th)		Bijapur to Hyderabad.
21 12			5th-2oth (1st-16th)	* *	Duty at headquarters.
- 12 - 91			21st-22nd (17th-18th)		Hyderabad to Bidar.
29. 21		* *	23rd-28th (19th-24th)	* *	Halt at Bidar.
77 78		* *	30th-31st (26th-27th)		Duty at headquarters.
January (Baihman &	Is	(andār)	ist-ioth (28th-7th)	* *	Do.
H	2)	.,.	11th-12th (8th-9th)	* *	Hyderabad to Ellora.
23.	**	+ +	13th-23rd (10th-20th)		Halt at Ellora.
93.	.,,	* 4	24th (21st)		Eliora to Daulatābād.
77	23	**	25th (22nd)		Daulatābād to Hyderabad.
111	21	* *	26th-31st (23rd-28th)		Duty at headquarters and excavations at Mauli Ali.
February Isfandar &	carn	vardin)	1st-22nd (29th-20th)	* +	Excavations at Maula 'Ali.
H	PF.	**	23rd-24th (21st-22nd)		Duty at headquarters.
FF	44	4,7	25th (23rd)	.+	Excavations at Maulā 'Alı.
**	ii	* 1	26th-28th (24 <i>th</i> -26 <i>th</i> )	**	Duty at headquarters.
**	-17	**	29th (27th)	+4	Hyderabad to Bhongir.
March Farwardin bihisht).	Ğ.	Urdi-	Ist (28th)		Bhongir to Hyderabad.
. *1	**		2nd-15th (29th-11th)	* *	Duty at headquarters.
9)	*9	21	16th (12th)	17	Hyderabad to Khidmatpura and back.

19
APPENDIX A—concld.

Month.			Date.	Place.
March (Farwardin & bihisht).	U	rdi-	17th-31st (13th-27th)	Duty at headquarters.
April to June ( <i>Urdībihisht</i> to dād).		ink-	rst April to 18th June (28th Urdibihisht to 13th Amurdād)	Do.
71	ij	* *	19th (14th)	Hyderabad to Rajkonda.
	11	ř.	20th (15th)	Rajkonda to Hyderabad.
9)	P-E	414	21st-30th (16th-25th)	Duty at headquarters.
July (Amurdād & Sh	ahriz	ar)	1st-22nd (26th-16th)	Do.
39		4.7	23rd (17th)	Hyderabad to Patancheru and back.
34	99	**	24th-25th (18th-19th)	Duty at headquarters.
18	0	0.8	26th (20th)	Hyderabad to Gulbarga.
19	.92	1.4	27th (21st)	Halt at Gulbarga.
ji.	H .		28th (22nd)	Gulbarga to Chitapūr.
19	ě.	* *	29th (23rd)	Halt at <u>Ch</u> ītapūr.
а	13	100	30th (24th)	Chîtapür to Hyderabad.
**	9.0		31st (25th)	Duty at headquarters.
August to Octo	ber		tst August to 5th Oc-	Do.
(Shahriwar to A	bān)		tober. (26th Shahriwar to 30th Ābān)	

### APPENDIX B.

Expenditure on the Archæological Department, Hyderahad, during the year, 7th October, 1915 to 5th October, 1916 (1325 Fasli).

Salaries:—				Rs.	As	P.	Rs	As.	P.
Superintendent (B.G. Rs. 50	00-50-600)			6.616	2	0			
Contribution (B.G. Rs. 62-	-80)			875	Ö.	0			
House Rent (Rs. 75)		44		570	15	- 5			
Establishment	12	1	**	2,542	0	0			
Temporary Establishment	1.4		E -6	126	9	7			
Grain Compensation				36	0	-03			
				_	-		10.700	11	0
Travelling allowances :-									
Superintendent		1.1		1,628	10	8			
Establishment	1.4	1.	4.0	652					
				-			2,281	3.	7
Contingencies :-								45	-
Rivad Continuancias				200	-				
Livery for p	peons.	9.1	0.8	397	5	4			
1 Thomas I am	books			20 584	0	0			
Deinting oh	arges		* 4	1,300		0			
gencies.   Service post	tage			100	0	0			
Purchase of	furniture			425	0	0			
				37-0		-	2.826	5	4
Supplies and Services :							-,	7	4
Purchase of Drawing, Surve	or and Dhoro	washi.	Links						
mante	y and rhotos			- C-	16				
meitts	***	10.00	* *	387	()	10			
						-	387	O	10
			GRAND	Toreat			16,261	,	-
			1245/12/17	LULIAL			13,938	4	9
						20.00.	121930	**	0)

### APPENDIX C.

Statement showing the expenditure on the Conservation and the Survey of Ancient Monuments in the Hyderabad State, during the year, 7th October, 1915 to 5th October, 1916 (1325 Fasti).

District.	Locali	ty.	Name of work and description.	Amount of sanctioned estimate.	Amount spent during the year.	REMARKS.
Hyderabad	Hydera City.	bad	Repairs to the Bad- shāhi Āshūr Khā- nah.	Rs. As. P. 7,914 0 0	Manual Ampai & F	Work completed in 24-25 F.
** **	.**	+ +	Repairs to the Mu- shirabad Mosque.	4,194 0 0	2,058 11 3	Do.
11 **	Golcone	ła	Establishment for the survey of the Fort.	3,150 0 0	3,245 6 7	Completed du- ring the year.
Gulbarga	Fort	* *	Repairs to the small mosque.	520 0 0	331 12 3	**
			Carried over		10,303 14 1	

21
APPENDIX C—concld.

District.	Locality.	Name of work and description.	Amor sanct estin	ioned		Amount spent the year		ing	REMARKS.
		Brought forward	Rs.	As.	Ρ.	Rs. 10,303			
Gulbarga	Fort	Maintenance of arch- reological buildings.	650	0	0	648	10	4	Completed du- ring the year.
: ji - + +:	Tombs of Bahmani kings and Fort.	Salary of watchmen.	318	0	0	258	6	2	ü
***	Archæologi- cal remains in the dis- trict.	Special repairs.	412	0	0	228	0	10	19
Bidar	Tombs of Bahmani and Barid Shāhi kings and Madrasa of Maḥmūd Gāwān.	Salary of watchmen.	336	0	0	335	0	0	***
	**	Salary of temporary Draughtsman for preparation of esti- mates.	125	0	0	125	0	0	-99
Aurangābād	Caves	Repairs to the caves.	1,000	0	D	1,143	2	9	Completed.
**	Bībi-ka- Maqbarāh	Maintenance of the Maqbarāh.	1,000	0	0	917	T	11	
9	Ellora	Special repairs to the caves.	33,019	0	0	14,508	10	1	In progress.
34 - + 2	46	Maintenance of the caves.		0					
"	Daulatābād	Maintenance of the archæological buildings.	{ 155 2,500	0 0	0	{ 154 2,511		8	
** **	Ajanta	Salary of watchmen.	252	0	0	123	o	0	
43 **	Aurangābād district.	Survey of archæologi- cal remains.	1,590	3	2	1,590	3	2	
Warangal	Ramappa Temple.	Salary of watchman.	96	0	0	14	0	0	
		Total for 1915-16 (1325 F.)				33,252 (B.G. 28,502	8 2	6 9)	

### APPENDIX D.

List of books in the Library of the Superintendent of Archwology, Hyderabad, acquired during the year, 7th October, 1915 to 5th October, 1916 (1325 F.).

Serial No.	Title.	REMARKS.
	BIBLIOGRAPHY.	
377	Catalogue of the State Library, Hyderabad (Deccan), Oriental Section, Vol. II, 1333 H.	Presented by the State Library,
378	Do. of the Nizam College Library, 1915	Presented by the Nizam College.
	ENCYCLOPÆDIAS AND DICTIONARIES.	
379	Steingass, Persian-English Dictionary	Purchased.
	JOURNALS AND PERIODICAL PUBLICATIONS.	
380	The Journal of the Royal Asiatic Society of Great Britain and Ireland, 1916, Parts I-IV.	Purchased.
381-82	The Journal of the Panjab Historical Society, Vols. I-IV	Presented by the Publishers
383-88	The Journal of the Mythic Society, Vols. I-VI	Do.
389	The Journal of the Bihar and Orissa Research Society, Vol. II, part 3.	Do.
390	The Journal of the Hyderabad Archæological Society, Vol. I.	Do.
391	The Journal of the Bangya Sahitya, Calcutta, 1916, 2 parts.	.Do
392	The Ceylon Antiquary, Vol. II, parts 2-3	Do.
393	Epigraphia Indica, Vol. VI, parts 5-6	Presented by the Government of India.
	Archæological Survey.	
394	Annual Report of the Archaeological Survey of India, Part I, 1913-14.	Presented by the Gov- ernment of India.
395	Do. do. do. 1914-15	Do.
396	Do. do. Part II, 1912-13	Do.
397	Annual Progress Report of the Superintendent, Hindu and Buddhist Monuments, Northern Circle, 1915.	Do.
398	Do. of the Superintendent, Muhammadan and British Monuments, Northern Circle, 1915.	Do.
399	Report of the Superintendent, Archæological Survey, Burma, 1916.	Do.
400	Do. of the Superintendent, Archæological Survey, Southern Circle, 1916.	Do.

## APPENDIX D-contd.

Serial No.			Title.				REMARKS.
		ARCHÆOL	OGICAL SUI	RVEY—con	cld.		
401	Report of th Epigraphy,	e Assistan Southern	t Superint Circle, 1915	endent of 5-16.	Archæolog	y for	Presented by the Government of India.
402	Annual Repor	rt of the A	rchæologica	d Survey o	of India, Fro	ontier	Do.
403	Do.	do.	do.	do.	1914-15	Ca. a	Do.
404	Do.	do.	do.	do.	1915-16	8.4	Do.
405	Annual Repo Nizam's Do	ort of the I	Archæologie 114–15	al Departi	nent of H.H	L the	Presented by H.H. th Nizam's Government.
406	Report on th Mysore, 19	e working 14-15.	of the Ar	chæologica	l Research	es in	Presented by th Mysore State.
407	Annual Repor	rt of the M	adras Gove	rnment Mu	iseum, 1915	-r6.	Presented by the Madras Museum.
408	Do.	of the Lu	icknow Pro	vincial Mu	seum, 1916		Presented by the Lucknow Museum.
409	Do.	of the Re	ijputana M	useum, Ajı	mer, 1915	- 1	Presented by the Raj putana Museum.
410	List of Photo- 1914.	Negatives,	Archæologi	cal Survey,	Southern C	ircle,	Presented by the Government o India.
411	Do Budd	hist Monun	Office of S nents, Nort	uperintend hern Circle	ent, Hindu e, 1915.	and	Do.
412	List of Drawin	ngs, Archæ	ological Sur	vey, South	nern Circle,	1914	Do.
413	Do. REPORTS (Net	de Imperial		lo. Burm	a Circle, 191	6	Do.
414		Revised I	ists of Ar	itiquarian	Remains in	the	Presented by Mr. J. H. Devlin.
415	Führer, A., Th	ne Sharqi A	rchitecture	of Jaunpa	ır, 1889		Purchased.
416	Rea, A., Chalu	ikyan Arch	itecture, 18	196		4.1	Do.
417	Pamphlets, Ar 1874-81.	chæologica	Survey of	Western	India, Nos.	I-X,	Do.
-			EPIGRAPHY	Ča.			
418	Fleet, J. F., I dian Histori	Indian Epig ical Researc	raphy—the	Inscription	onal Basis o	In-	Presented by the
419	,, In	dian Paleos	ranhy (by	I. G. Riibi	ler)		Do.

24
APPENDIX D—concld.

Serial No.	Title.	REMARKS.
	ART, ARCHITECTURE, etc.	
420	Bennett, T. P., The Relation of Sculpture to Architecture	Purchased.
421	Burgess, J., Buddhist Art in India (by A. Grünwedel)	25
422-23	Coomaraswamy, Ananda. Rajput Painting, Vols. I-II	**
424	Fergusson, J., Cave Temples of India, London (1880)	
425	,, Ancient Architecture in Hindostan, London, 1847	.11
426	Herringham, Ajanta Frescoes	
427	Sanderson, G., Loan Exhibition of Antiquities, Coronation Durbar, 1911.	Presented by G. Yaz- dani.
428	Stephen Carr, Archæology of Delhi	Presented by Mr. A. G. McClay.
429-30	Thomas, E., Prinsep's Indian Antiquities, Vols. I-II	Purchased.
	HISTORY.	
431	Aiyangar, S. Krishnaswami, Ancient India	Purchased.
432-33	Beveridge, A. S., Emperor Akbar (by Count Noer), Vols. I-II.	Do.
434-41	Elliot, Sir H., History of India, Vols. I-VIII	Presented by the Home Department
442-45	Manucci, N., Storia do Mogor, Indian Texts Series, Vols. I-IV	11 11
	RELIGION.	
446	Dozy, R., Spanish Islam (Translation by F. G. Stokes), 1913	Purchased.
447	Hurgronje, S., Mohammedanism	Do.
448	Sale, G., The Koran	Do.

APPENDIX E.

List of photographic negatives prepared by the Office of the Superintendent of Archwology, Hyderabad, during the year 1915-16 (1325 F.).

Serial No.	Locality.	Description.		Size.
190	Mu <u>sh</u> īrābād, Hyde- rabad,	Mosque, General view		8½" × 6½
1904	**			6½" × 4½
191	**	., Detail of plaster decoration	* *	8½" × 6½
192	Warangal	Fort, Main Temple, Gateway		- 19
193	94	Nandis in front of Sambhu Gudi		79
194	Bidar	Gumbad Gate	* 4	23
195	45	" Rock-cut walls of the triple ditch		- 11
196	.,	, · Fortifications and walls		11:
197	**	Large gun	94	33
198	***	" Long gun	4.4	22
199	Gulbarga	25 44 45 44 45		29
200	Bījāpūr	Malik Maidān (Gun)		17
201	Bidar	Fort, Earthen gunpowder measures	4 .	61" × 41
202	**	,, Rangin Mahall pavilion, Mother-o'-pearl wo	ork	81" × 61
203	ar .	, Tile-work	-10/2	
204	711	Solā Khamb Mosque		31
205	11:	Tomb of Bahmani kings		Sec
206	94	" Aḥmad Shāh Wali Bahmani, Ceiling		32
207	12	Madrasa, Front		
208	*1	Right side (detail of tile-work)		2,
209	141	,. View from N. W		33
210	39	, View from S. E	* *	12
211	in the second	,. View from N. E		12
212	31	, Interior		
213		Tomb of 'Ali Barid, General view		
214	Maulā 'Ali, Hyde- rabad.	Cairn No. 1, before excavation	* *	6½"×4½"
215	72	,, Interior from South	1.0	79-

26
APPENDIX E-contd.

Serial No.	Locality.	Description.	Size.
216	Maulā 'Alī, Hyde- rabad.	Cairn No. 1, Interior from East	6½" × 4½"
217	n	,. No. 2, before excavation	19
218	h.	" " Loose stone-packing over the cist	71
219	1-1-	" Cist, View from South	+1
220	- 25	Row of pots (in situ) to the West of the cist	n
221	0.	" No. 3, before excavation ,	
222	44	Stone-packing over the cist	11
223	**	., ,, Cist with pottery	1)
224	71	No. 4, Loose stone-packing	h.x
225	.,	Interior, cist and pottery	8½" × 6½
226	"	., ., Skull, Front	61" × 41
226A	-0	Back	36
226в	-ir		79
226с	19	" " " Right side	**
226p		" " " Left side	71
227	Rajkonda, (Nal- gunda).	Horse-Pond Hill, General view	8½" × 6½"
228		Sri Ramachandra Swāmī's Temple	51:
229	n	W	6½" × 4½"
230	b+	Jāmi 'Masjid, View from East	81"×61"
231	**	Kachaihri Hill, General view ,,	.,,
232	55	Ruined Town, Bird's-eye view	.07
233	n	Image of Bhairava	31
234	-94	". Vishņu Temple in the Valley, Doorway	61" × 41
235	Pākhal (Warangal)	Lake, General view	81" × 61"
236	73	Inscription pillar, 1st side	- 14
236A	ÿx.	9 0 9 16 14 14 14 14	
237	31	,, and ,,	,
2374	**	H (5 t) 15 to to	
238		,, ,, 3rd ,,	

27
APPENDIX E—contd.

Serial No.	Locality.	Description.	Size.
238A	Pākhal (Warangal)	Inscription pillar, 3rd side	81" × 61"
239	94.	,, ,, 4th ,,	**
239A	**	49 10 10 10 10 10	***
240	Warangal	Thousand-pillared Temple, Hanamkonda, from N.E	i i
241	**	,, ,, from S.W	
242	n	" Detail of pillar	**
243	24.	,, ,, Western Shrine, Doorway	**
244	**	" " Eastern " "	100
245	Ramappa (Waran- gal).	Great Temple, General view from S.E	,,
246	* "	., ,, from N.W	**
247		,, ,, from E	391
248	**	" Detail	769
249	. 19	" Figure-bracket, North side, No. 1	61" × 41"
250	**	,, No. 2	39.
251	27	" " No. 3	***
252		,, No. 4	**
253	99.	" East side, No. 1	11
254	**	" " " No. 2	**
255	13	,, South side, Nos. 1-2	ha
256	**	Nos. 3-4	75
257	**	" Eastern wall, carved panel	81"×61"
258	- 10	, Hall, detail of pillar	**
259	.,	" Door of ante-chamber	77
260	**	" " Detail of Shrine-door	
261		" Inscription on the Western wall	**
262	**	, Detail of ceiling	61" × 41"
263	*7	Ante-chamber door, detail of carving	-0-
264	**	,, , Image of Goddess in the S.W. corner	
265	11	" Nandi Pavilion	30
266	if	Small temple to the North of the Great Temple	

28
APPENDIX E-contd.

Serial No.	Locality.	Description.	Size.
267	Ramappa (Waran-	Small temple to the South of the Great Temple	6½" × 4½"
268	gal).	Ramappa Inscription, 1st side	$8\frac{1}{2}''\times6\frac{1}{2}''$
268A	**	n n n en en en	31
269	91-	,, ,, 2nd side ,.	77
269A	**	an an an an an an	15
270	31	,, 3rd side ,	31
270A	in		3:3
271	++-	, , , 4th side ,.	$6\frac{1}{2}" \times 4\frac{1}{2}"$
272	**	Temple at the West end of Band, Ramappa Lake	8½" × 6½"
273	31	,, Detail of Shrine door	61"×41"
274	**	,, Female figure	**
275	**	Temple at the East end of Band, Ramappa Lake	81" × 61"
	*	" to the S.W. of the Great Temple General	61" × 41"
276	12	view.	
277	44	" Southern wall, detail of panel	8¼" × 6¼"
278	ei ei	,, Eastern wall, detail of panel	6½" × 4½"
279	Uparpalle (Karim- nagar).	Main Temple; General view	8½" × 6½"
280	49	" " Shrine door, detail of carving	4 F
281	92	Pillared Hall, General view	91
282	Golconda	Fort; General view	**
283	in .	Tombs; Tomb of Sultan 'Abdullah Qutb Shāh	.07
284	**	" " " " Muḥammad Quli Qutb Shāh	-17
285	10	" " " Jamshed Quli Qutb Shāh	11
286	**	Dome near the Tomb of the first Qutb Shāhi king.	6½"×4½"
287	100	" Jāmi' Masjid	$8\frac{1}{2}$ × $6\frac{1}{2}$
-288	91-	Another view	64" × 44"
289	Gulbarga	Fort, Jāmi' Masjid	.n
290	11	H H 10 10 11 12 12	
291	9.6	" " Inner corridor	8½"×6½"
292	**	37 36 34 3X 3X	61 = 41
	1		

29
APPENDIX E—concld.

Serial No.	Locality.	Description,	Size.
293	Gulbarga	Fort, Jāmi Masjid, Outer corridor	81* × 61*
294	Nāgai (Gulbarga)	Kăli Masjid, General view	61"×41"
295	15	Small Temple near the stream, Inscriptions	93
296	11	Frieze of Temple near the stream	9
297	**	Ruined Town, Bird's-eys view	37
. 298	44.	" Another view	-ii
299	State Library, Hy- derabad.	Diwān-i-Jāmi, Muḥammad Quṭb Shāh's autograph	8½" × 6½"
300	12	Risāla-i-Ḥikmat in the hand-writing of Dārā Shukoh	77
301	11	Illuminated manuscript, Qur'an, first page	**
302	.11	,, Title page, No. 1	3)
303	10	" No. 2	-378
304	-11	" Ruqʻāt-i-ʿĀlamgīri	12
305	11	" Qur'ān	- 6
306	- "	,, (Another manuscript)	**
307	29	" A Persian work on Ethics	33
308	93.	" Qur'ān	73
309	51	Book cover, Persian workmanship	- 11
310	0	Kashmir workmanship	ñ

APPENDIX F.

List of Drawings and Survey Maps prepared during the year—7th October, 1915 to 5th October, 1916 (1325 F.).

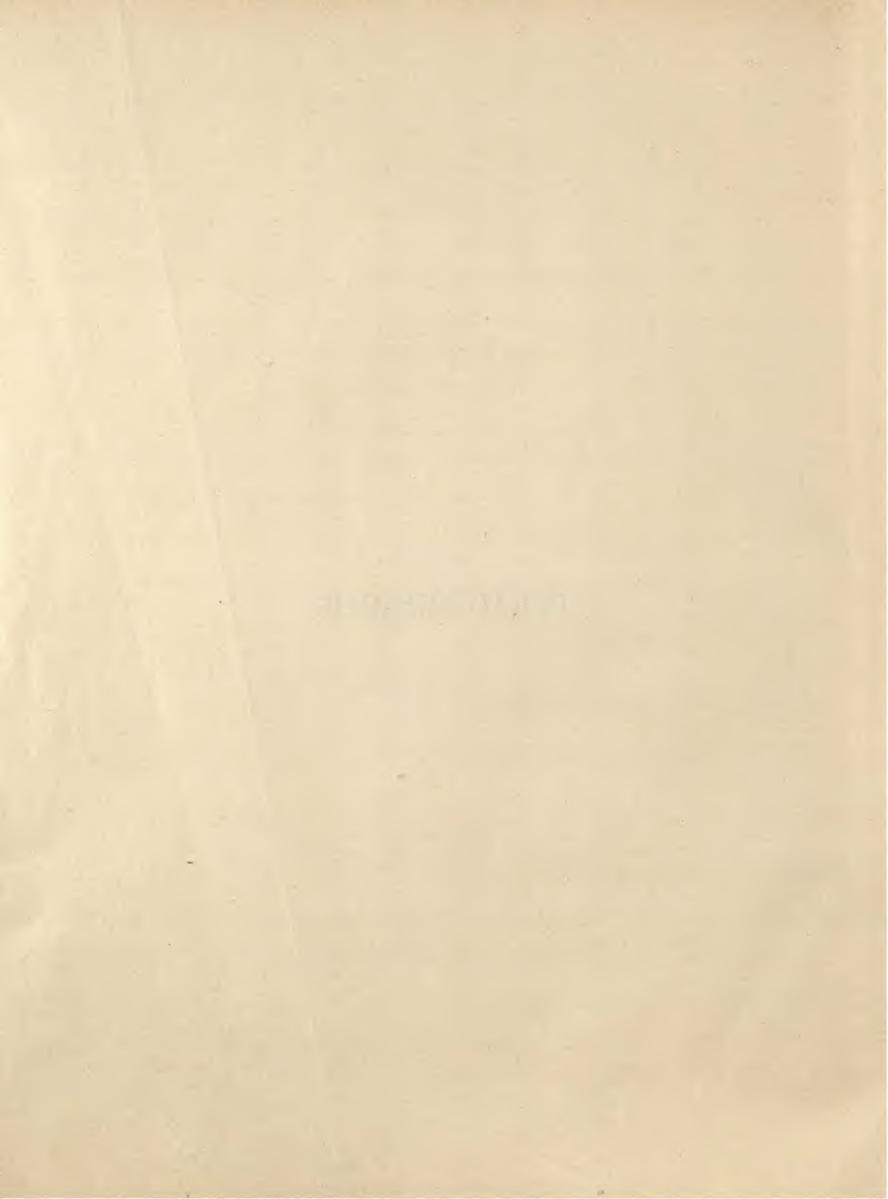
Serial No.	Place.	Description.	Scale.
3	Maulā 'Alī (Hyde- rabad).	Plan and sections of Cairn No. 1, Group N	. 8' to 1"
4	Raigīr (Nalgunda)	Plan and sections of Cairn No. 1	. 33
5	Palampet (Warangal).	Plan of the Main Temple	
6	Anwa (Aurangā- bād).	Plan and sections of the Temple	
7	Aurangābād	Plan and sections of the Bibi-ka-Maqbara .	- 32
8	Golconda (Hydera- bad).	Survey map of the archæological buildings of the Fort.	e 200' to 1
9	Maulā 'Ali (Hyde- rabad).	Survey map of the Cairns, Group N	* 11

APPENDIX G.

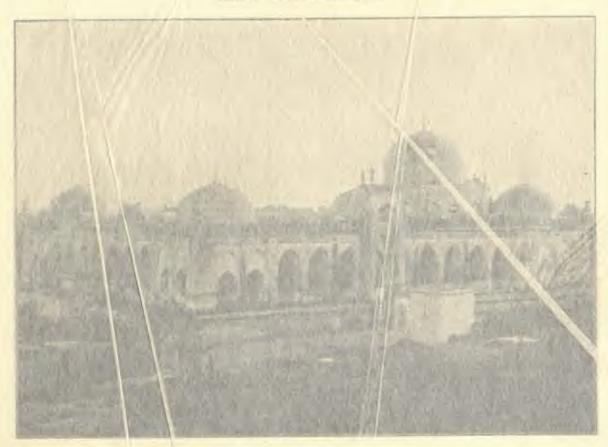
List of Gold Coins dealt with under Treasure Trove during the year—7th October, 1915 to 5th October, 1916 (1325 F.).

Serial No.	Metal.	King.	Obverse.	Reverse.	Reference.
1	A	Krishņa Deva Rāya of Vi- jayanagar (1509-30 A.D.)	Three-line legend, (1) Śri Pratā (2) pa Kṛishṇa (3) rāya.	God and goddess (Śiva and Parvati) seated.	Catalogue of Coins in Indian Museum, Vol. I. Pl. xxx, 27.
2	93	**	Ditto.	Female deity (Dūrgī), a half-pagoda.	71
3-4	20	11	Ditto.	Ditto	91
5	7.0	Achyuta Rāya of Vijayana- gar (1530-42 A.D.)	Three-line legend, (1) Śrī Pra (2) tāpā- chyuta (3) rāya.	Double-headed eagle- monster (g a n d a bherunda) holding up elephants in its beaks and claws, flying.	Loc. cit., Pl. xxx, 29.
6	12	17	Ditto.	Do.; a half-pagoda.	12
7	12	Sadāśiva Rāya of Vijayana- gar (1542-73 A.D.)	Three-line legend, (1) Śrī (2) Sadāsi (3) va rāya.	God and goddess (Siva and Parvati) seated.	Coins of Southern India, No. 100; Hultzsch, No. 32.
8	33.	,,	Ditto.	Do.; a half-pagoda.	29-
9	72	Anonymous (Dated 2nd to 3rd century A.D.)	with slight protu-	A half-pagoda.	**

PHOTOGRAPHS.



### FARLY DECCEN MOSQUES.



tor Jam Masno, Four Ultidantis.



CANADA TARRA MINISTER JAMES



### EARLY DECCAN MOSQUES.

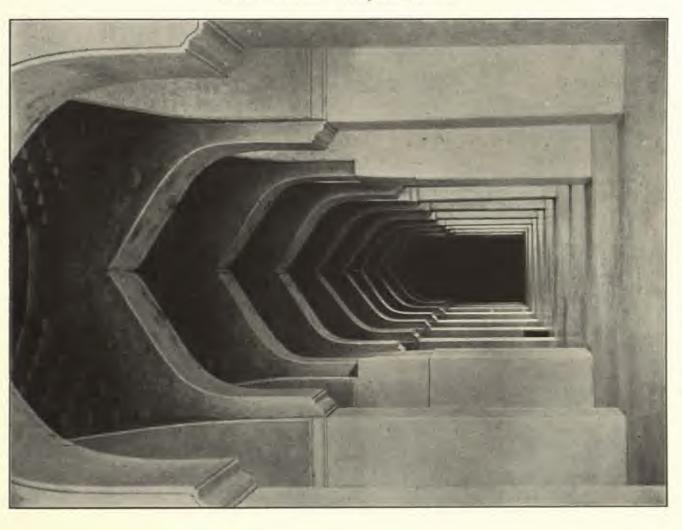


(a) Jami Masjid, Fort Gulbarga.



(b) ALAHDAD KHAN'S MOSQUE, JALNA.



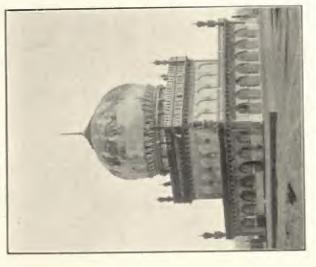


(b) INNER СОВВІВСИ, СЕГЕЛЯВСА МОЅQUE.

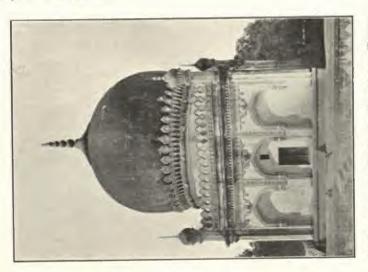


(а) ОСТЕВ СОВИБОВ, СПЕВАВОЛ МОЗОГЕ.





(b) Томв ор Анреддан Quye Shah.



(11) QUYE SHARE MOSQUE NEAR GOLCONDA TOMBS.



### QUTB SHAHI TOMBS.



(a) TOMB OF MUHAMMAD QULI QUIB SHAH.



(b) Tomb of Jamshid Quit Shah.



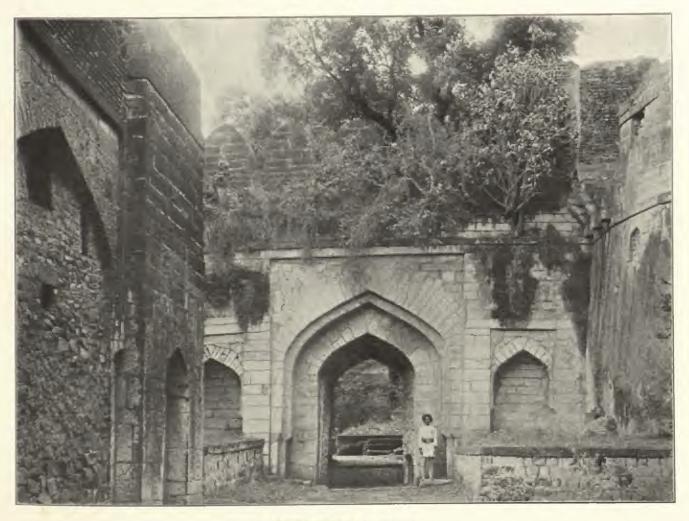
(c) DOME NEAR TOMB OF SULTAN QUIJ QUTB SHAR.



### DECCAN FORTS.



(a) GOLCONDA FORT, GENERAL VIEW.



(b) QANDHAR FORT, GATEWAY.



#### DECCAN TEMPLES.



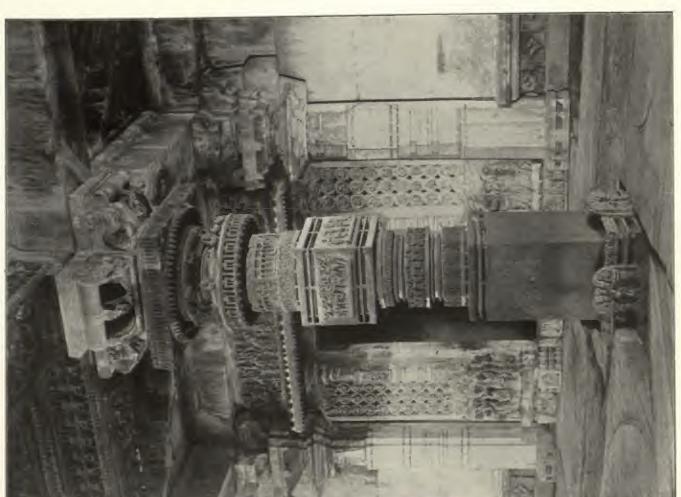
(a) GREAT TEMPLE, PALAMPET (WARANGAL).



(b) THOUSAND-PILLARED TEMPLE, WARANGAL.







(a) DETAIL OF PILLAR, GREAT TEMPLE, PALAMPET, (WABANGAL).

The second section of the second second



(6) Door OF SHRINE, TROUSAND-PILLARED TEMPLE, WARANGAL.



(a) INTERIOR OF GREAT TEMPER, UPERFALLE (NEAR WARANGAL),





(a) INTERIOR OF TEMPLE AT THE EASTERN END OF THE RAMAPPA LAKE BAND, PALAMPET (WARANGAL).

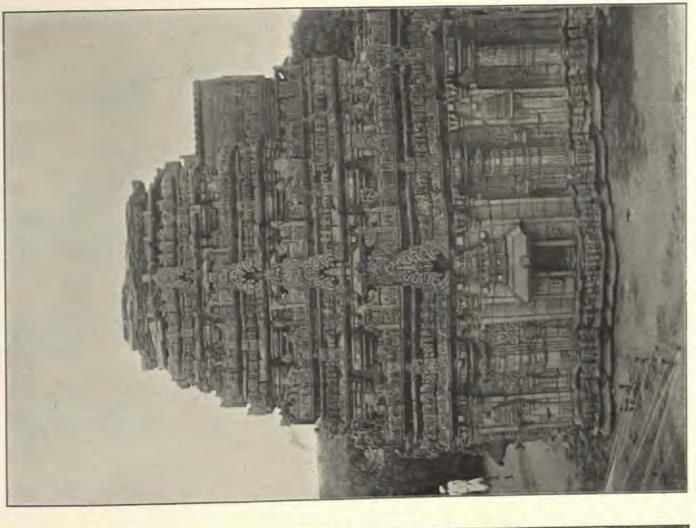


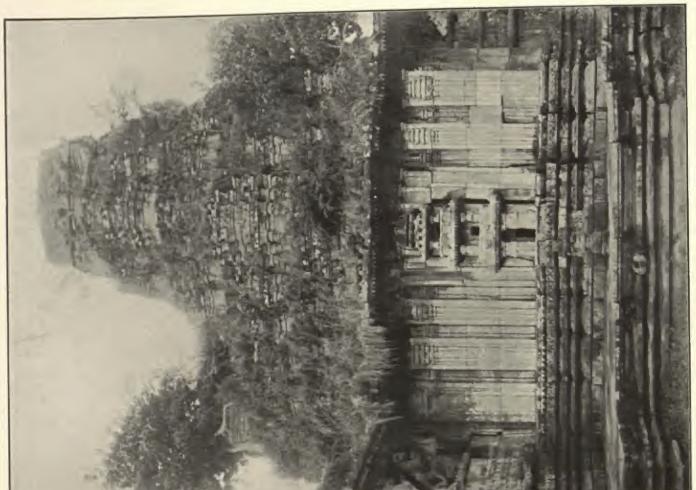
(b) Doorway of Temple at the Western end of the Ramappa Lake Band, Palampet (Warangal).



(c) Jamb of door, Great Temple, Palampet (Warangal),







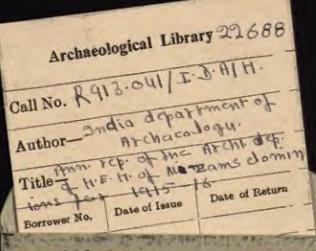
(a) SIRHARA, GREAT TEMPLE, PALAMPET (WARANGALA)

The state of the s









"A book that is shut is but a block"

GOVT. OF INDIA
Department of Archaeology
NEW DELHI.

Please help us to keep the book clean and moving.

S. B., 148. N. OELHI.

# Publications of the Archaeological Department of Hyderabad.

## HYDERABAD ARCHÆOLOGICAL SERIES

No. 1.—The Asokan Edict of Muski. Edited by Rao Sahib H. Krishna Sasari With a Places Ru. L

No. 2. - The Deniarabed Copper-plates of Jagadekemalia. Edited by D. R. Bhandarkar, M.A. With | Plates, Re. 1.

No. J. The Kakutya Inscriptions of Pakhal, Palampet and Uparpulls. Edited by L. D. Barnett, Litt. D. With 13 Plates. Re 4. (In preparation).

### MISCELLANEOUS

Goldwide Starrey Map, in they sheets. Rs. 2.

The Antiquities of Bider: By G. Vardani, M.A. With 15 Plates. Re a (In proparation).

# Publications of the Hyderabad Archaeological Society.

### THE JOURNAL

Vol. 1. 1910. With 48 Plates. Rs. 5-

Vol. II. 1917. With 14 Plates. Rs. 3.

# Pinhey Memorial Medal.

The Hydenthad Archaeological Society, on the 21st April, 1910, decoded that a Gold Mond be instituted to commemorate the memory of Sir Alexander Pinkey. K CS I., C.I.E., the Founter and first President of the Society.

### Regulations

- (1) For "Policy "Immerial Gold Medal" start be available transmitty for the best work to Herean Archaelogs or Henery, in considerate with the advisoral originary.
  - at The completion staff by open to sension in any your of the world.
- Archaeology of Blacer. The these should be an impulsabled usels, or it pulsabled, it blaced not have been problems more than her years before its submission, or the "finished and have been problems more than her years before its submission, or the "finished goods."
- (4) These, for the Lot competition will be arrayed up to the end of Ordon 2012, and other regardly in the Ordon of many lated year, a to in October 1912, 1924, and up on.
- at 11 Set selected times in our magnificiation work, the Society, of the recommendation of the
- Country which have the right to publish it in the Society of James.

  (ii) If to the upsake of the Grand over of the three stampeted in my year six or special right, the Metal shall not be resident in that year.
- y) If the their a winter is not harmonic other than English the conquisite shall found an